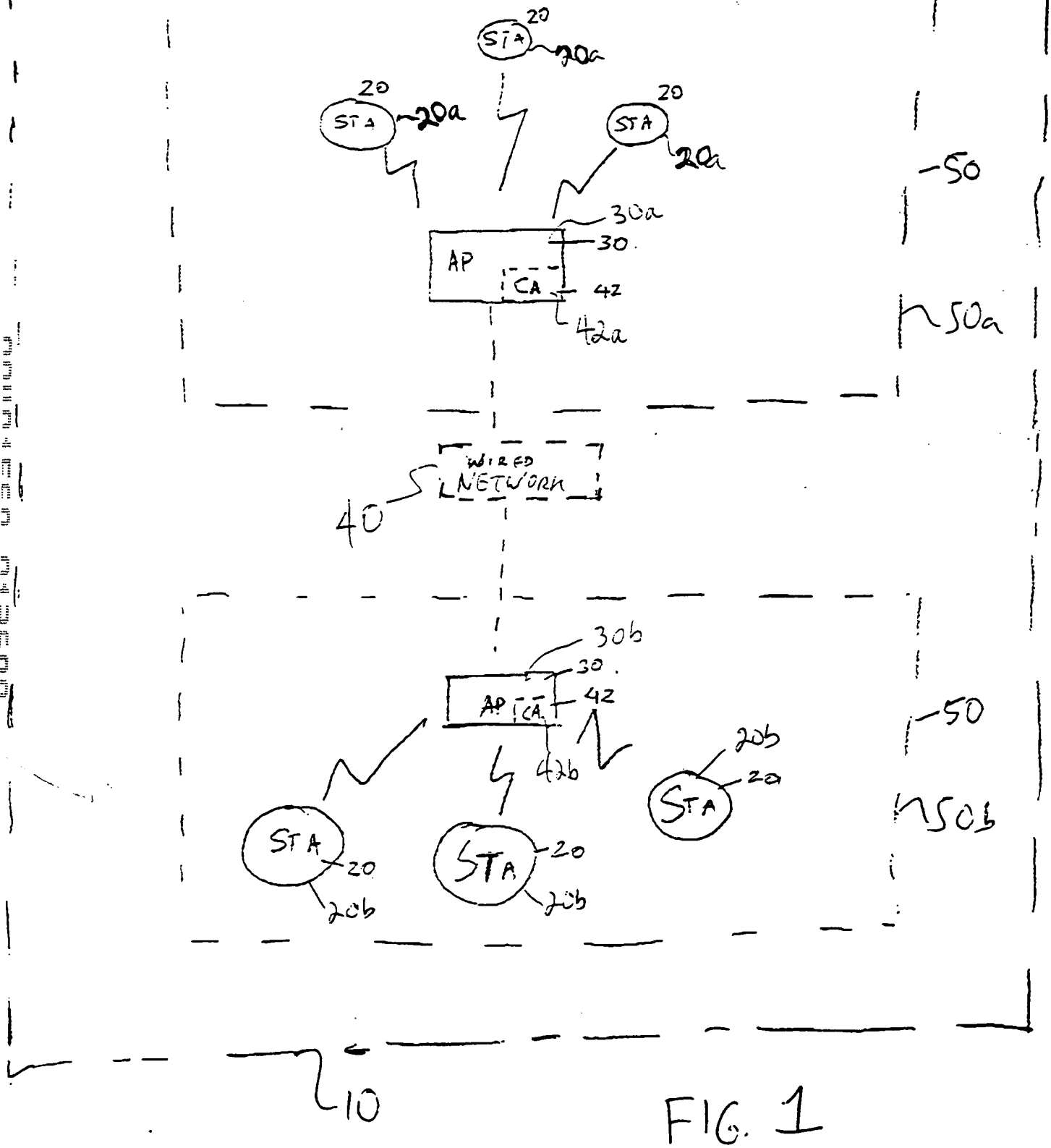
STA
20
20a
STA
20
20a
STA
20
20a
30a
30
AP
CA
42
42a
50
50a
WIRED
NETWORK
40
30b
30
AP
CA
42
42b
50
50b
STA
20b
20a
STA
20
20b
STA
20
20b
10

FIG. 1

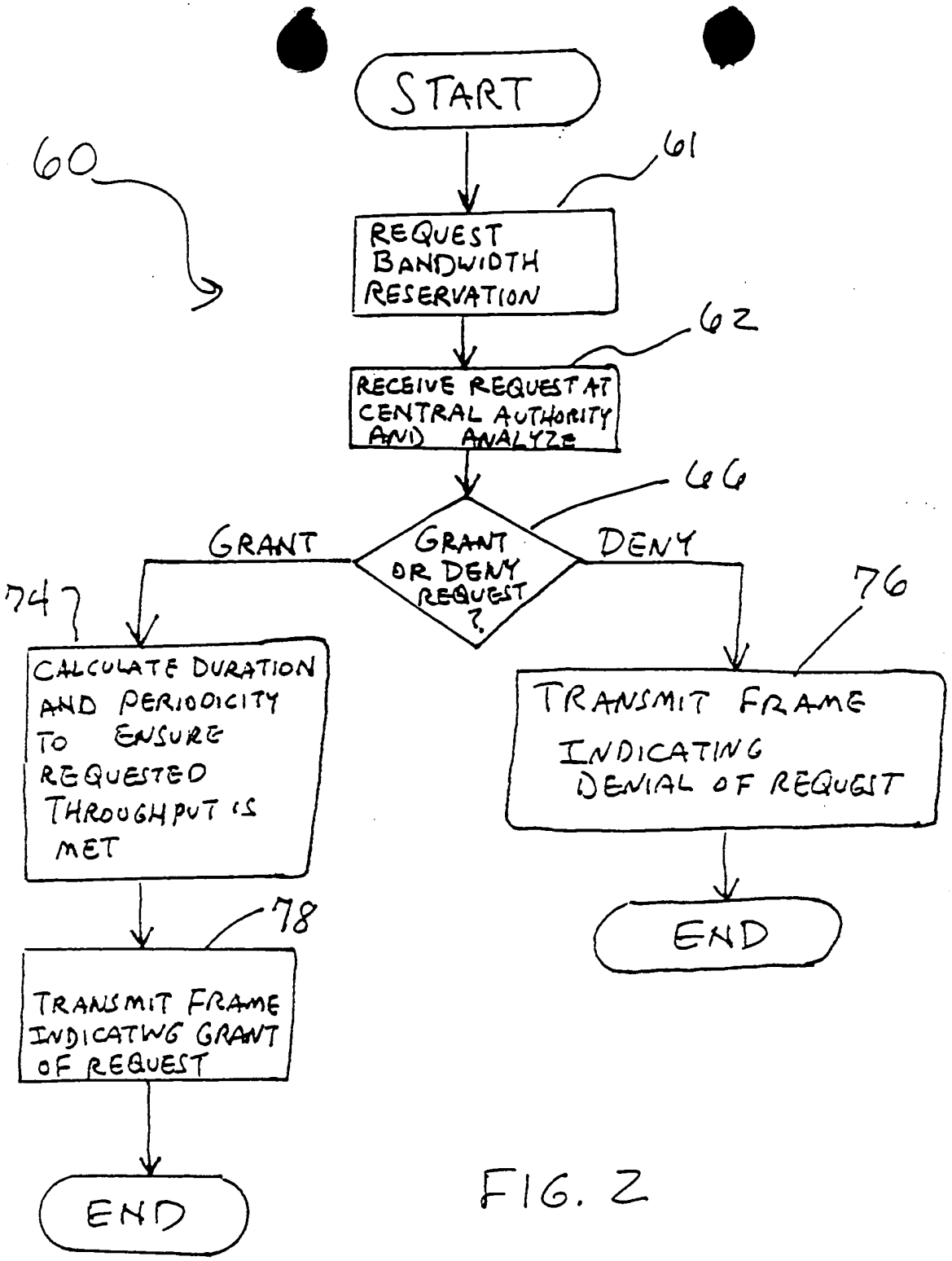
START
60
61
REQUEST BANDWIDTH RESERVATION
62
RECEIVE REQUEST AT CENTRAL AUTHORITY AND ANALYZE
66
GRANT OR DENY REQUEST ?
GRANT
DENY
74
CALCULATE DURATION AND PERIODICITY TO ENSURE REQUESTED THROUGHPUT IS MET
76
TRANSMIT FRAME INDICATING DENIAL OF REQUEST
78
TRANSMIT FRAME INDICATWG GRANT OF REQUEST
END
END

FIG. 2

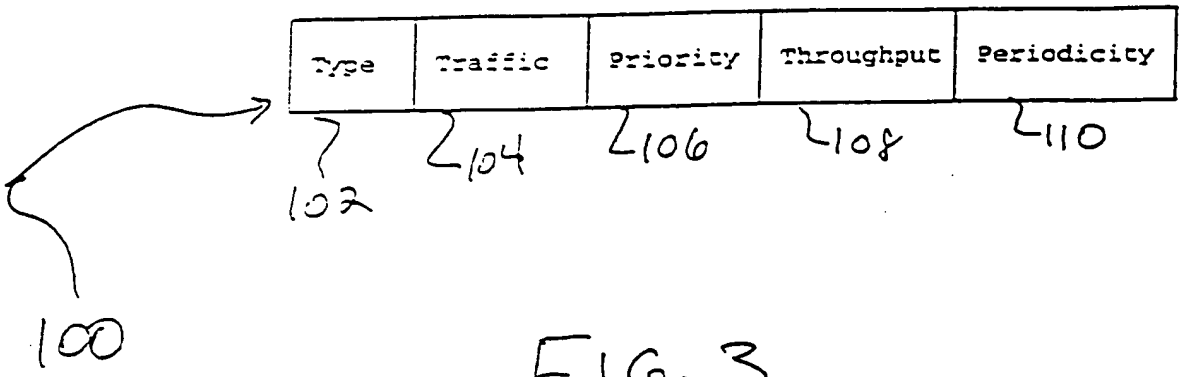
Type
Traffic
Priority
Throughput
Periodicity
102
104
106
108
110
100

FIG. 3

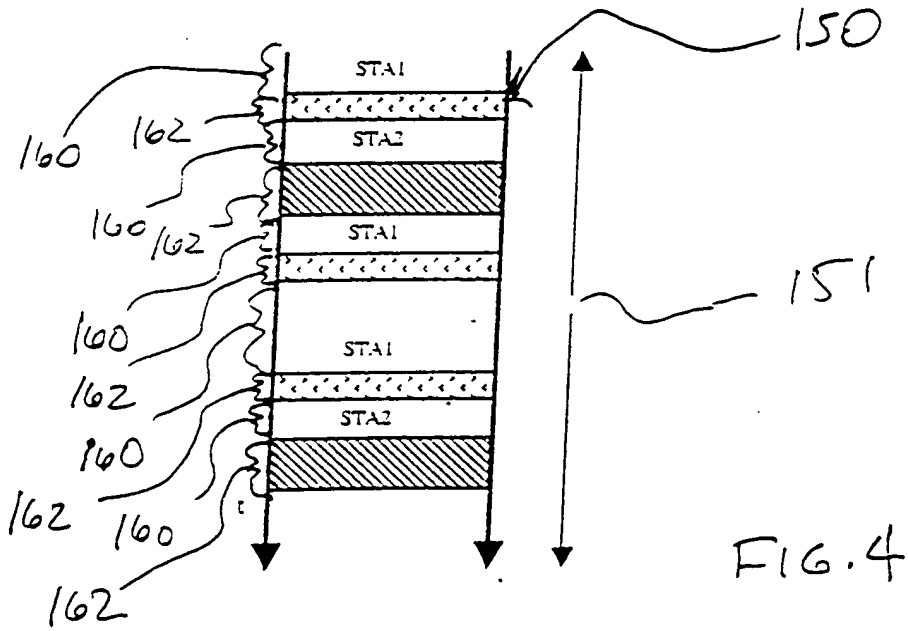
STA1
STA2
STA1
STA1
STA2
150
151
160
162
t

FIG. 4

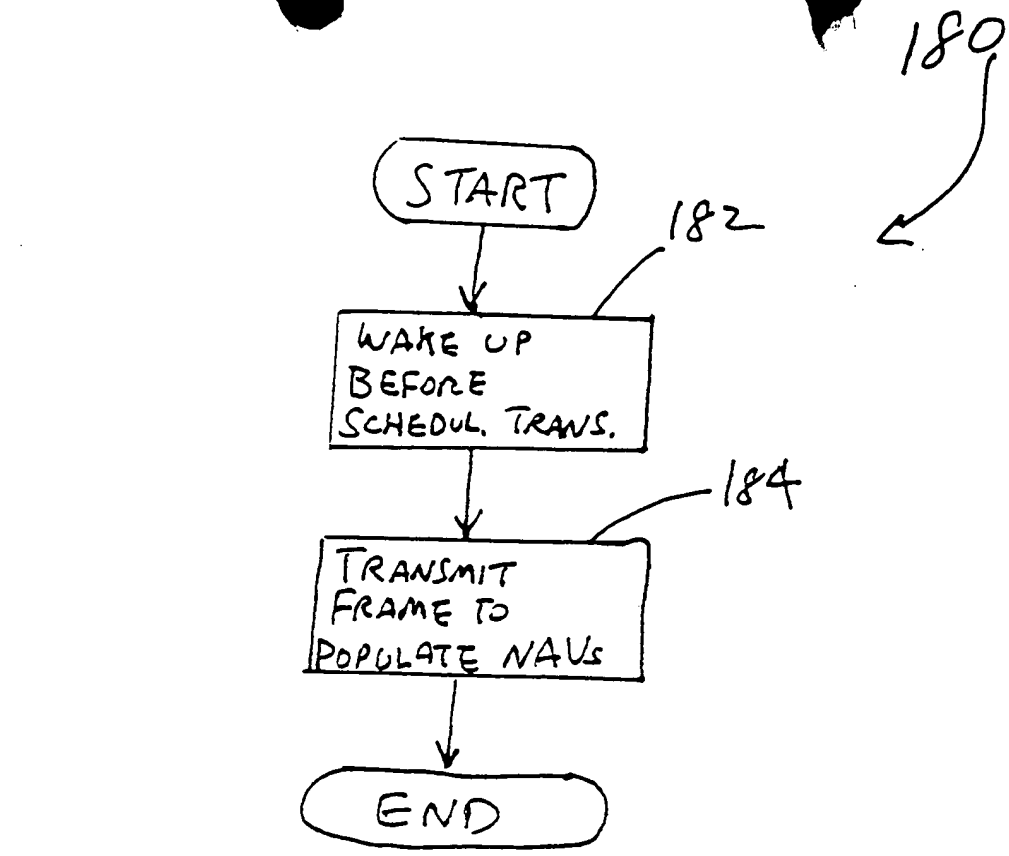
180
START
182
WAKE UP BEFORE SCHEDUL. TRANS.
184
TRANSMIT FRAME TO POPULATE NAVs
END

FIG. 5

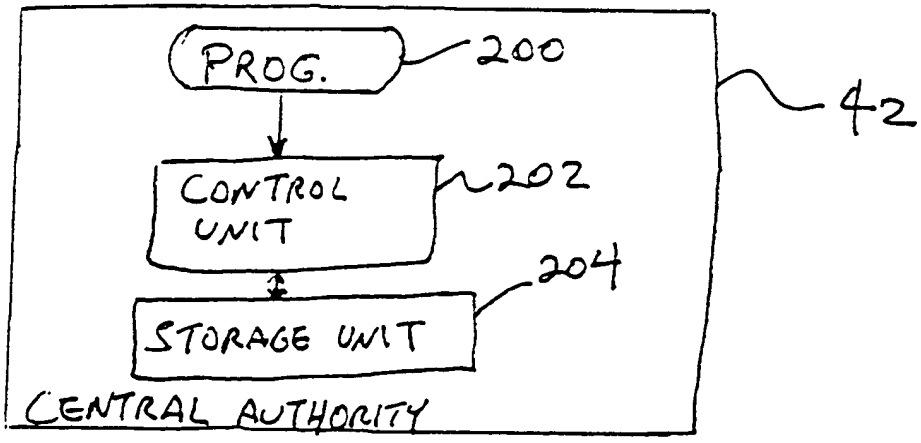
PROG.
200
42
CONTROL UNIT
202
204
STORAGE UNIT
CENTRAL AUTHORITY

FIG. 6